



Science Toolkit: Grade 4 Objective 2.B.2.c

Student Handout: Science: Grade 4 Objective 2.B.2.c

Standard 2.0 Earth/Space Science

Topic B. Earth History

Indicator 2. Recognize and explain that fossils provide evidence about the plants and animals that lived long ago and about the nature of the environment at that time.

Objective c. Identify what an animal or plant fossil is able to tell about the environment in which it lived.

Water

Land

Selected Response (SR) Item

Question

Use the information below to answer the following.

A teacher gave students four rock samples. The students listed their observations about each rock sample in the data table below.

OBSERVATIONS OF ROCK SAMPLES

	Rock 1	Rock 2	Rock 3	Rock 4
Hardness	Not easily scratched	Not easily scratched	Easily scratched	Easily scratched
Edges	Sharp, rough edges	Smooth, round edges	Sharp, rough edges	Smooth, round edges
Color	Solid black color	Different colored particles	Clear and white particles	Solid gray color
Fossil Evidence	No fossils	No fossils	Leaf fossils	Shell fossils

Which feature of Rock 3 is evidence that the rock formed near a forest?

- A. leaf fossils
- B. easily scratched
- C. sharp, rough edges
- D. clear and white particles

Correct Answer

- A. leaf fossils

Question

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